

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1393	(conduct\$4 or electrode) and (feedthrough or throughhole or Via) and base and connect\$3 and electromagnet\$3 and waveguide and frequenc\$3 and ground and signal and (microelectronic or microelectromechanical or electronic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S2	758	(high adj frequency) and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:10
S3	358	sensor and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:06
S4	196	S3 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:09
S5	412	S2 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:25
S6	152	"4348253" or "5618752" or "5913134" or "6207903" or "6225651" or "6365513"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:08
S7	100	S6 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:22
S8	10	electromagnetic and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:45
S9	13	(high adj frequency) and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 10:44

S10	266601	"257"/("728,725,704,698,684").ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S11	391	(conduct\$4 or electrode) and (feedthrough or throughhole or Via) and base and connect\$3 and electromagnet\$3 and waveguide and frequenc\$3 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:24
S12	260	S11 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:56
S13	266601	"257"/("728").ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S14	1230	257/728	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S15	115	(conduct\$4 or electrode) and (feedthrough or throughhole or Via) and base and connect\$3 and electromagnet\$3 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 14:13
S16	72	S15 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:03
S17	249	(conduct\$4 or electrode) and (feedthrough or throughhole or Via) and connect\$3 and electromagnet\$3 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 14:13
S19	158	S17 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 14:13
S20	52	("3968564"   "4734384"   "4744623"   "4920070"   "4970578"   "5128831"   "5221633"   "5312765"   "5352998"   "5362976"   "5409563"   "5416872"   "5489554"   "5532506"   "5587119"   "5604835"   "5618752"   "5641545"   "5656548"   "5682062"   "5729038"   "5739067"   "5742100"   "5760478"   "5767001"   "5796714"   "5798297"   "5834849"   "5844289"   "5858814"   "5858877"   "5897333"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:01

		"5900674"   "5901050"   "5902118"   "5903045"   "5915167"   "5952665"   "5963088"   "6090636"   "6122187"   "6143616"   "6150188"   "6181864"   "6187677"   "6198168"   "6281042").PN. OR ("6709978").URPN.				
S21	0	waveguide and (high adj frequency) and S20	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:02
S22	758	waveguide and (high adj frequency) and S1	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:03
S23	6	waveguide and (high adj frequency) and S6	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 16:03
S25	2	S23 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:20
S26	55	((ground) adj (lead or conduct\$3 or electrode)) and ((signal) adj (lead or conduct\$3 or electrode)) and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:31
S27	16	S26 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:21
S28	0	((ground adj signal adj ground) adj (lead or conduct\$3 or electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:32
S29	8	((ground adj signal adj ground) adj (lead or conduct\$3 or electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:19
S30	10	S8 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:32
S32	7	S29 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 16:33
S33	120	(ground adj signal adj ground) and (waveguide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:19

S34	45	S33 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:06
S35	26	(high adj frequency) and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 09:21
S36	6	"6207903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:06
S37	3	offset and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:27
S38	1	"10520218"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 15:35
S39	2	"09209659"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 16:02
S40	6	"6207903"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 16:02
S41	3	"11336060"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 15:44
S42	6	"6207903"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:46
S43	8	("5056216"   "5614742"   "5765279"   "5841075"   "5962921"   "6013948").PN. OR ("6207903"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 10:47
S44	165	("through adj hole" or via) with ("right prism" or "right cylinder")	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 10:49
S45	100	S44 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:50

S46	0	waveguide and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:50
S47	1	"high frequency" and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:51
S48	12	"frequency" and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:51
S49	12673	"light pipe" or (light adj "through adj hole")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:56
S50	1033	waveguide and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:57
S51	113	"high frequency" and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:57
S52	82	S51 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 10:57
S53	8038	("through adj hole" or via or feedthrough) with (" prism" or "cylinder") and electromagnetic	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 11:18
S54	452	("through adj hole" or via or feedthrough) with (" prism" or "cylinder") and "electromagnetic wave"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 11:19
S55	75	(conductor or electrode) and waveguide and S54	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 11:20
S56	39	S55 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 11:20
S57	9	("20020057137"   "20030087465"   "20030122729"   "20030201519"   "20040066340"   "20040163846"   "5867073"   "6774867").PN. OR ("7149666").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 11:29
S58	2	"20030072130"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 11:32

S59	27	"6355497"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 14:57
S60	20	("through adj hole" or via) with ("right prism" or "right oval")	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 09:24
S61	5	S60 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 09:24
S62	19	("through adj hole" or via) with ("right prism" or "right oval cylinder")	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 09:26
S63	807	("right prism" or "right oval cylinder")	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 09:26
S64	316	("through adj hole" or via) and S63	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 09:27
S65	161	S64 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 09:27
S66	426	S63 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 09:46
S67	265	S66 not S65	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 09:46
S68	21	("through adj hole" or via or feedthrough) with ("right prism" or "oval cylinder")	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 10:01
S69	4	S68 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 10:01
S70	20	("through adj hole" or via or feed adj through) with ("right prism" or "oval cylinder")	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 10:02
S71	55	((through adj hole) or via or (feed adj through)) same ("right prism" or "oval cylinder")	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 10:03
S72	27	S71 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 10:03
S73	28703	("through adj hole" or via) with diameter and area	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:22
S74	179	("through adj hole" or via) with ("right prism" or "right cylinder")	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:22

S75	13	("through adj hole" or via or feedthrough) with diameter and area and S74	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:22
S76	3	S75 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 15:22
S77	1428	257/728	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 15:23
S78	67	("through adj hole" or via or feedthrough) with diameter and area and S77	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:23
S79	30	S78 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 15:23
S80	1	"10520218"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:57
S81	0	("through adj hole" or via or feedthrough) with ((diameter) adj (micron or mum)) and ((area) adj (micron or mum))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:59
S82	0	("through adj hole" or via or feedthrough) with ((diameter) adj (m)) and ((area) adj (m))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:00
S83	13	("through adj hole" or via or feedthrough) adj diameter and area and S77	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:01
S84	6	S83 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 16:01
S85	993	("through adj hole" or via) with ("right prism" or "cylinder") with area and diameter	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:17
S86	0	("through adj hole" or "via adj hole") with ("right prism" or "cylinder") with area and diameter	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:18
S87	993	("through adj hole" or "via") with ("right prism" or "cylinder") with area and diameter	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:18
S88	558	S87 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 16:18
S89	0	("through adj hole" or "via adj hole") with area and diameter	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:28

S90	0	("through adj hole" or "via adj hole") with area	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:29
S91	0	("through adj hole" or "via adj hole")	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:29
S92	515769	(through adj hole) or (via adj hole)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:29
S93	13381	((through adj hole) or (via adj hole)) with area and diameter	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:30
S94	100	((through adj hole) or (via adj hole)) adj (area and diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:30
S95	60	S94 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 16:30
S96	0	((through adj hole) or (via adj hole)) adj ((area) adj (m))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:52
S97	752	((through adj hole) or (via adj hole)) adj area	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 16:53
S98	381	S97 and @ad < "20020702"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 16:53
S99	321	S98 not S95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 16:53
S100	1	"10520218"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 17:22

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